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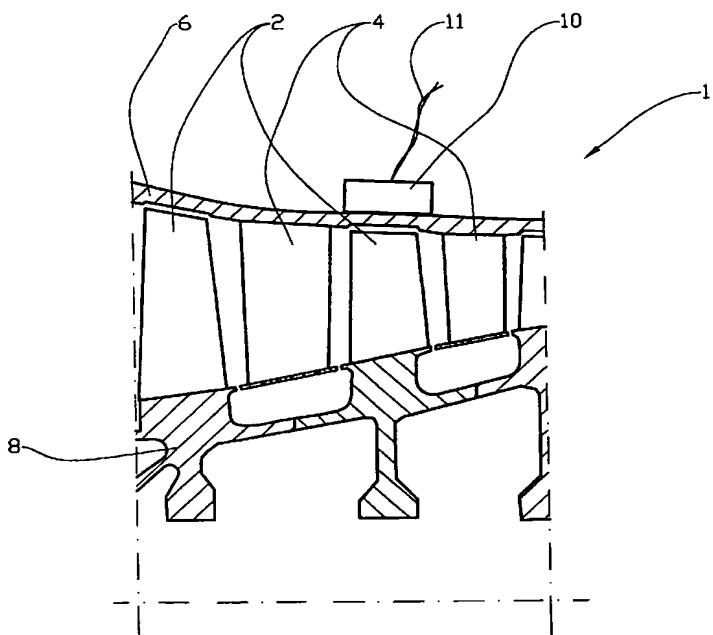
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(54) Title: METHOD AND DEVICE FOR DETERMINATION OF THE CONDITION OF A TURBINE BLADE, AND UTILIZING THE COLLECTED INFORMATION FOR ESTIMATION OF THE LIFETIME OF THE BLADE



(57) Abstract: A method and device for determining the condition of a turbine blade (2, 4) in a compressor and utilizing the collected information in an estimation of the lifetime of the turbine blade (2, 4), wherein a measured value reflecting the condition of the turbine blade (2, 4) is generated by a vibration sensitive sensor (10) connected to the compressor's (1) casing (6).

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